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| FORM PTO-1390 (REV. 07-2005) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | EXPRESS MAIL NUMBER EV 642 788 143 US | ATTORNEY'S DOCKET NUMBER 187920/US-465122-00028 |
| INTERNATIONAL APPLICATION NO. PCT/JP2005/000427 | | INTERNATIONAL FILING DATE January 7, 2005 | |
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/505472</div> | | | |
| PRIORITY DATE CLAIMED January 9, 2004 | | | |
| TITLE OF INVENTION RAIL MANUFACTURING METHOD | | | |
| APPLICANT(S) FOR DO/EO/US NORIAKI ONODERA, TAKUYA SATOH, MASA HARU UEDA, KAZUO FUJITA, AKIRA KOBAYASHI | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other | | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | |
| 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). | | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | |
| a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). | | | |
| b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. | | | |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). | | | |
| 6. <input checked="" type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | |
| a. <input checked="" type="checkbox"/> is attached hereto. | | | |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). | | | |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | |
| a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). | | | |
| b. <input type="checkbox"/> had been communicated by the International Bureau. | | | |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. | | | |
| d. <input checked="" type="checkbox"/> have not been made and will not be made. | | | |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | |
| 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 | | | |
| Items 11 to 20. below concern document(s) or information included: | | | |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included | | | |
| 13. <input checked="" type="checkbox"/> A preliminary amendment. | | | |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. | | | |
| 15. <input checked="" type="checkbox"/> A substitute specification. | | | |
| 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. | | | |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825 | | | |
| 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4) | | | |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | |
| 20. <input checked="" type="checkbox"/> Other items or information: | | | |
| PTO-1449 form, International Publication No. WO 2005/066377, International Search Report, Written Opinion, Redline comparison and Return Receipt Postcard | | | |

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| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/585472 <small>To be assigned</small> | | PCT/JP2005/000427 | | 187920/US-465122-00028 | |
| 21. The following fees have been submitted: | | | | CALCULATIONS | PTO USE ONLY |
| <input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))..... | | | | \$ 300 | |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 492(c)) | | | | | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | \$0.00 | |
| All other situations..... | | | | \$ 200 | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) | | | | | |
| If the written opinion of the ISA/US or US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | \$0.00 | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... | | | | \$100.00 | |
| International Search Report prepared and provided to the Office | | | | \$400.00 | |
| All other situations | | | | \$500.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 900 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 1 | /50 = | | x \$250.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 12 -20 = | 0 | x \$50.00 | \$ | |
| Independent claims | 2 -3 = | 0 | x \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 900 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$900 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ 900 | |
| Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ 40 | |
| TOTAL FEES ENCLOSED = | | | | \$ 940 | |
| | | | | Amount to be refunded: | \$ |
| | | | | charged: | \$ |

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| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/585472</div> <div style="font-size: 0.8em; text-align: center;">To be assigned</div> | INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/JP2005/000427</div> | ATTORNEY'S DOCKET NUMBER <div style="text-align: center;">187920/US-465122-00028</div> |
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a. ☒ A check in the amount \$940 to cover the above fees is enclosed.
of

b. ☐ Please charge my Deposit Account No. 50-2054 in the amount of \$_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Deposit Account No. 50-2054 A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER **30873**

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| Dorsey & Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177 | | |
| | Signature Gary Abelev, Esq. | Date July 6, 2006 |
| | Name 40,479 | |
| | Registration Number | |